

# **State of Alaska FY2005 Governor's Operating Budget**

## **Department of Fish and Game State Subsistence Component Budget Summary**

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## Component: State Subsistence

### Contribution to Department's Mission

Compile existing data and conduct studies to gather current information on all aspects of the role of subsistence hunting and fishing in the lives of Alaska residents in order to implement the state's subsistence priority law.

### Core Services

- Quantify the amount, nutritional value, and extent of dependency on food acquired through subsistence hunting and fishing.
- Assist ADF&G, the Board of Fisheries and Game in determining what uses of fish and game, as well as which users and methods, should be termed subsistence uses, users and methods.
- Research and provision of information so that state regulations provide reasonable opportunity for customary and traditional uses based on board-recognized harvest amounts necessary for subsistence uses.
- Make recommendations to the Board of Fisheries and the Board of Game regarding adoption, amendment, and repeal of regulations affecting subsistence hunting and fishing.
- Evaluate the impact of state and federal laws and regulations on subsistence hunting and fishing and, when corrective action is indicated, make recommendations to ADF&G.
- Research and provision of information for formulation of state subsistence law and policy.
- Participate with other divisions in the preparation of statewide and regional multiple use management plans so that those plans recognize and incorporate subsistence uses of fish and game.
- Make information gathered available to the public, appropriate agencies, and other organized bodies.
- Research and provision of information for the federal subsistence management program.
- Research and provision of information on contamination, health, and safety of subsistence food products.
- Research and provision of information on subsistence uses of marine mammals, migratory birds, and halibut (species not managed by the state).

End Results	Strategies to Achieve Results
<p><b>(1) Accurate, comprehensive, and current research and information on subsistence uses of fish and wildlife in Alaska's communities.</b></p> <p><u>Target:</u> Increase the percentage of Alaskan communities with current information, by an average of 5% each year for five years.</p> <p><u>Measure:</u> Number and percentage of Alaskan communities in which comprehensive current fisheries and wildlife harvest data are collected and reported.</p> <p><b>(2) Ensure that state management of subsistence provides opportunity for Alaskans' uses as provided by Alaska's state subsistence law.</b></p> <p><u>Target:</u> Evaluate effects and make recommendations on 100% of those proposed laws and regulatory actions that would affect subsistence hunting and fishing.</p> <p><u>Measure:</u> Number and percentage of state and federal laws, regulations, and proposals regarding subsistence which are reviewed before action by the state and federal boards.</p>	<p><b>(1) Compile existing data and conduct studies and research to gather information on the role of subsistence hunting and fishing for Alaskans.</b></p> <p><u>Target:</u> Increase the percentage of studies of subsistence use in Alaskan communities by an average of 5% each year for five years.</p> <p><u>Measure:</u> Number and percent of studies of subsistence use in Alaskan communities.</p> <p><b>(2) Assist the Board of Fisheries and the Board of Game to determine which uses, users and methods should be identified as subsistence.</b></p> <p><u>Target:</u> Provide analyses on 100% of public proposals which focus on identifying subsistence uses, users, and methods.</p> <p><u>Measure:</u> Number and percentage of relevant proposals analyzed for the Board of Fisheries and Board of Game.</p> <p><b>(3) Make recommendations to the Board of Game, the Board of Fisheries, the Federal Subsistence Board, and the department regarding proposed laws and proposed regulations affecting subsistence hunting and fishing.</b></p>

End Results	Strategies to Achieve Results
	<p><u>Target:</u> Provide recommendations on 100% of relevant proposals.  <u>Measure:</u> Number and percentage of proposals receiving recommendations.</p> <p><b>(4) Develop findings of Amounts Necessary For Subsistence (ANS) and provide to the Board of Fisheries and Board of Game.</b></p> <p><u>Target:</u> Add or revise findings as proposals to adjust findings are submitted or as new information warrants.  <u>Measure:</u> Number and percentage of new and revised findings of ANS.</p> <p><b>(5) Quantify the amount, nutritional value, and extent of dependence on food acquired through subsistence hunting and fishing.</b></p> <p><u>Target:</u> Update the current community subsistence information in the Community Profile Data Base, an online public information resource, by an average of 5% each year for five years.  <u>Measure:</u> Number and percentage of communities for which information is updated</p> <p><b>(6) Provide current subsistence use information to the public, appropriate agencies, and other organizations.</b></p> <p><u>Target:</u> Produce new technical reports and related updates of current subsistence information; add at least five per year to the statewide technical report series.  <u>Measure:</u> Number of technical reports produced and distributed to the public</p> <p><b>(7) Actively participate in preparing statewide and regional fish and wildlife management plans to ensure that current subsistence use information is incorporated.</b></p> <p><u>Target:</u> Incorporate current subsistence use information into 100% of the management plans in development for fish stocks and game populations subject to subsistence use.  <u>Measure:</u> Number and percentage of plans for which current subsistence use information is incorporated.</p>

Major Activities to Advance Strategies	
<ul style="list-style-type: none"> <li>Research and develop subsistence policy recommendations to Boards of Fisheries and Game, Regional Advisory Councils, and the Federal Subsistence Board</li> <li>Monitor and conduct research on subsistence harvests</li> </ul>	<ul style="list-style-type: none"> <li>Update and maintain community database of subsistence harvests and uses.</li> <li>Publish and distribute subsistence information.</li> <li>Conduct research regarding subsistence food security and purity (e.g., biosampling).</li> </ul>

### Major Activities to Advance Strategies

- Monitor subsistence uses, such as personal and family use, sharing, barter and trade.
- Map community subsistence use areas.
- Produce ethnographies on all aspects of the role of subsistence in community economies.
- Produce impact statements analyzing subsistence laws and regulations.
- Train local field technicians for harvest and use surveys and other projects.
- Participate in initiatives where subsistence information is essential, such as salmon disaster response and childhood anemia mitigation.

### FY2005 Resources Allocated to Achieve Results

FY2005 Component Budget: \$4,427,700

**Personnel:**

Full time	28
Part time	9
<b>Total</b>	<b>37</b>

### Performance Measure Detail

#### (1) Result: Accurate, comprehensive, and current research and information on subsistence uses of fish and wildlife in Alaska's communities.

**Target:** Increase the percentage of Alaskan communities with current information, by an average of 5% each year for five years.

**Measure:** Number and percentage of Alaskan communities in which comprehensive current fisheries and wildlife harvest data are collected and reported.

**Analysis of results and challenges:** The department has been actively working to refine performance measure Detail. Many new targets and measures were developed during Fall 2003. Work on gathering baseline data and reporting results is currently in progress.

#### (2) Result: Ensure that state management of subsistence provides opportunity for Alaskans' uses as provided by Alaska's state subsistence law.

**Target:** Evaluate effects and make recommendations on 100% of those proposed laws and regulatory actions that would affect subsistence hunting and fishing.

**Measure:** Number and percentage of state and federal laws, regulations, and proposals regarding subsistence which are reviewed before action by the state and federal boards.

**Analysis of results and challenges:** The department has been actively working to refine performance measure Detail. Many new targets and measures were developed during Fall 2003. Work on gathering baseline data and reporting results is currently in progress.

#### (1) Strategy: Compile existing data and conduct studies and research to gather information on the role of subsistence hunting and fishing for Alaskans.

**Target:** Increase the percentage of studies of subsistence use in Alaskan communities by an average of 5% each year for five years.

**Measure:** Number and percent of studies of subsistence use in Alaskan communities.

**Analysis of results and challenges:** The department has been actively working to refine performance measure Detail. Many new targets and measures were developed during Fall 2003. Work on gathering baseline data and reporting results is currently in progress.

**(2) Strategy: Assist the Board of Fisheries and the Board of Game to determine which uses, users and methods should be identified as subsistence.**

**Target:** Provide analyses on 100% of public proposals which focus on identifying subsistence uses, users, and methods.

**Measure:** Number and percentage of relevant proposals analyzed for the Board of Fisheries and Board of Game.

**Analysis of results and challenges:** The department has been actively working to refine performance measure Detail. Many new targets and measures were developed during Fall 2003. Work on gathering baseline data and reporting results is currently in progress.

**(3) Strategy: Make recommendations to the Board of Game, the Board of Fisheries, the Federal Subsistence Board, and the department regarding proposed laws and proposed regulations affecting subsistence hunting and fishing.**

**Target:** Provide recommendations on 100% of relevant proposals.

**Measure:** Number and percentage of proposals receiving recommendations.

**Analysis of results and challenges:** The department has been actively working to refine performance measure Detail. Many new targets and measures were developed during Fall 2003. Work on gathering baseline data and reporting results is currently in progress.

**(4) Strategy: Develop findings of Amounts Necessary For Subsistence (ANS) and provide to the Board of Fisheries and Board of Game.**

**Target:** Add or revise findings as proposals to adjust findings are submitted or as new information warrants.

**Measure:** Number and percentage of new and revised findings of ANS.

**Analysis of results and challenges:** The department has been actively working to refine performance measure Detail. Many new targets and measures were developed during Fall 2003. Work on gathering baseline data and reporting results is currently in progress.

**(5) Strategy: Quantify the amount, nutritional value, and extent of dependence on food acquired through subsistence hunting and fishing.**

**Target:** Update the current community subsistence information in the Community Profile Data Base, an online public information resource, by an average of 5% each year for five years.

**Measure:** Number and percentage of communities for which information is updated

**Analysis of results and challenges:** The department has been actively working to refine performance measure Detail. Many new targets and measures were developed during Fall 2003. Work on gathering baseline data and reporting results is currently in progress.

**(6) Strategy: Provide current subsistence use information to the public, appropriate agencies, and other organizations.**

**Target:** Produce new technical reports and related updates of current subsistence information; add at least five per year to the statewide technical report series.

**Measure:** Number of technical reports produced and distributed to the public

**Analysis of results and challenges:** The department has been actively working to refine performance measure

Detail. Many new targets and measures were developed during Fall 2003. Work on gathering baseline data and reporting results is currently in progress.

### **(7) Strategy: Actively participate in preparing statewide and regional fish and wildlife management plans to ensure that current subsistence use information is incorporated.**

**Target:** Incorporate current subsistence use information into 100% of the management plans in development for fish stocks and game populations subject to subsistence use.

**Measure:** Number and percentage of plans for which current subsistence use information is incorporated.

**Analysis of results and challenges:** The department has been actively working to refine performance measure Detail. Many new targets and measures were developed during Fall 2003. Work on gathering baseline data and reporting results is currently in progress.

### **Key Component Challenges**

- Prioritize decreasing fiscal resources to ensure that the state subsistence priority law is fully implemented.
- Consolidate multiple project goals and objectives so that as much relevant data is collected to maintain a current subsistence database.
- Prioritize regional updates of subsistence harvest and use information so that regions with the most outdated information and the most pressing subsistence issues are addressed.
- Assist the Board of Game in reviewing customary and traditional use findings for game populations subject to subsistence uses, especially for controversial species, such as musk ox.
- Respond to subsistence lawsuits, such as the Manning Case which challenges the state Tier II permit regulations. This involves analysis and comparison of fish and wildlife harvest and use patterns of rural and urban residents.
- Strengthen the state's presence and role in the federal subsistence management process to prevent federal intrusion in state management of resources and harvest. Dual state-federal management of subsistence hunting began in 1990 followed by fishing in 1999. This has led to increasingly divergent regulations for state and federal subsistence hunts and fisheries. The division is the department's liaison with the federal subsistence program. This role has increased in complexity and depth throughout the department as federal subsistence management gets entrenched.
- Address subsistence proposals before the state Boards of Fisheries and Game, and the Federal Subsistence Board. Dual state-federal subsistence management has added a necessary coordination role to subsistence proposal impact analysis.
- Develop an accurate and cost-effective halibut subsistence harvest monitoring program. The North Pacific Fishery Management Council recognized and developed regulations for subsistence halibut fishing in Alaska. The division had been contracted by NMFS to develop a subsistence harvest monitoring program.
- Assist the Alaska Native Harbor Seal Commission in developing the capacity to assume annual subsistence harvest monitoring of harbor seals.
- Assist other marine mammal commissions in developing cost effective and accurate harvest monitoring programs.
- Assist the Migratory Bird Co-Management bodies in developing cost-effective and accurate subsistence migratory bird harvest monitoring programs in their respective regions.
- Respond to requests for research collaboration with universities and other entities in a manner that does not detract from our legal mandate, but enhances the knowledge base of subsistence economies in a modern context.
- Assert changes to customary trade provisions in federal regulations to be based on sound science and accurate documentation statewide.

### **Significant Changes in Results to be Delivered in FY2005**

For FY 2004, the division absorbed a 20 percent (\$200.0) budget reduction in its Research and Monitoring component. Replacement of long-time staff retirees with new appointments at downgraded levels, travel reductions, and reductions in seasonal staff time were measures taken to incorporate this cut. For FY 2005, increased personnel costs and reductions in expected RSAs from other divisions and agencies facing similar cuts will require further efficiencies.

### **Major Component Accomplishments in 2003**

**Reports Completed:** Division staff completed eight technical papers, 18 special reports, including one CD-ROM, as well as periodic updates to statewide (Community Profile Database, Alaska Subsistence Fisheries Database) and regional

(Traditional Ecological Knowledge Database Development for Koyukuk River Drainage Non-Salmon Fish) databases. Technical paper and special reports profiled subsistence harvest and use information in selected communities (50 communities) as well as resources-specific analysis of harvest of salmon, marine mammals and migratory birds throughout the state, and Exxon Valdez oil spill impact related studies.

Fish and Game Boards Support: The division provided information to the boards of Fisheries and Game as they deliberated on numerous proposals and reviewed and acted on customary and traditional use and amount reasonably necessary for subsistence determinations in several areas of the state. The Board of Game addressed 105 subsistence proposals for goat, moose, wolf and caribou populations in Southeast, Southcentral, and Southwest regions. The Board of Fisheries addressed 57 subsistence proposals and customary and traditional determinations for salmon, herring, halibut, eulachon and various freshwater fish stocks in Southeast, Southcentral and Prince William Sound regions, as well as shellfish stocks statewide. The board reversed a customary and traditional use finding for Chitina subdistrict salmon after reviewing new information from a division study of subsistence salmon use patterns in the Copper River drainage.

Liaison with the Federal Subsistence Program: The division is the liaison for the department with the federal Office of Subsistence Management. This requires coordination of state proposal comments and requests for reconsideration of federal actions. In 2003, there were 27 fishery and 56 wildlife proposals to the federal subsistence program addressing subsistence hunts and fisheries throughout the state. These included customary and traditional use determinations for goat on Kodiak Island, subsistence opportunity and regulations for deer in Southeast, and subsistence fisheries on the Yukon, Kuskokwim and Arctic regions. The division provided comments for the request for reconsideration of the federal rural finding for the Kenai Peninsula, resulting in a reversal of that finding.

Special Assignments: The division provided the following information: on subsistence halibut uses to the North Pacific Fishery Management Council as part of their efforts to develop subsistence halibut fishing regulations and eligibility requirements; on subsistence walrus hunting on Round Island for a proposal to the Board of Game requesting an extension of the hunting season; on the subsistence Tier II hunting permit process to the Board of Game in response to the state's lost appeal of the Manning Case; on subsistence migratory bird hunting and harvest assessment sampling program to the Migratory Bird Co-Management Council as they develop subsistence hunting regulations and harvest monitoring programs in different regions of the state; on subsistence use of caribou and other resources for the Alpine Satellite Development Plan draft EIS and NW-NPRA draft EIS; and, on subsistence salmon fisheries and responses to recent salmon disasters in the Arctic-Yukon-Kuskokwim regions as part of the AYK Sustainable Salmon Initiative to address information gaps in salmon science and management. The division director serves as chair of the U.S. Canada Yukon River panel charged with implementing provisions and obligation of the salmon treaty with Canada.

EVOS: This program is supported by oil spill restoration funds administered by the Exxon Valdez Oil Spill Trustee Council. The subsistence restoration program includes three projects: community involvement; harbor seal restoration; and coho salmon enhancement. The Division of Subsistence administers these projects, which in part support professional service contracts with Alaska Native communities and regional organizations to complete much of the work. Objectives include newsletters, workshops, and a harbor seal biosampling program. The overall objective, as defined by the Trustee Council, is to restore injured subsistence uses. Subsistence will have recovered when injured resources used for subsistence are healthy and productive and exist at pre-spill levels. People must also have confidence that resources are safe to eat and that cultural values provided by subsistence activities are reintegrated into community life. Direct involvement of subsistence users and communities in the restoration process is one means to achieve these goals.

## **Statutory and Regulatory Authority**

AS 16.05.094  
AS 16.05.258  
AS 16.05.090  
5 AAC 99.010  
AS 37.14.400



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### State Subsistence Component Financial Summary

*All dollars shown in thousands*

	FY2003 Actuals	FY2004 Authorized	FY2005 Governor
<b>Non-Formula Program:</b>			
<b>Component Expenditures:</b>			
71000 Personal Services	2,139.2	2,674.8	2,793.9
72000 Travel	240.7	271.1	271.1
73000 Contractual	779.3	1,256.6	1,256.6
74000 Supplies	74.0	106.1	106.1
75000 Equipment	0.0	0.0	0.0
76000 Land/Buildings	0.0	0.0	0.0
77000 Grants, Claims	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
<b>Expenditure Totals</b>	<b>3,233.2</b>	<b>4,308.6</b>	<b>4,427.7</b>
<b>Funding Sources:</b>			
1002 Federal Receipts	1,457.5	2,137.0	2,200.7
1004 General Fund Receipts	179.5	233.9	233.9
1007 Inter-Agency Receipts	273.3	544.9	560.0
1018 Exxon Valdez Oil Spill Settlement	140.0	371.3	378.5
1036 Commercial Fishing Loan Fund	0.0	800.0	830.5
1061 Capital Improvement Project Receipts	34.1	0.0	0.0
1108 Statutory Designated Program Receipts	148.8	221.5	224.1
1140 AIDEA Dividend	1,000.0	0.0	0.0
<b>Funding Totals</b>	<b>3,233.2</b>	<b>4,308.6</b>	<b>4,427.7</b>

### Estimated Revenue Collections

Description	Master Revenue Account	FY2003 Actuals	FY2004 Authorized	FY2005 Governor
<b>Unrestricted Revenues</b>				
Exxon Valdez Oil Spill Settlement	51392	140.0	371.3	378.5
<b>Unrestricted Total</b>		<b>140.0</b>	<b>371.3</b>	<b>378.5</b>
<b>Restricted Revenues</b>				
Federal Receipts	51010	1,457.5	2,137.0	2,200.7
Interagency Receipts	51015	273.3	544.9	560.0
Statutory Designated Program Receipts	51063	148.8	221.5	224.1
Commercial Fishing Loan Fund	51100	0.0	800.0	830.5
Capital Improvement Project Receipts	51200	34.1	0.0	0.0
AK Industrial Dev. Export Auth. Receipts	51406	1,000.0	0.0	0.0
<b>Restricted Total</b>		<b>2,913.7</b>	<b>3,703.4</b>	<b>3,815.3</b>
<b>Total Estimated Revenues</b>		<b>3,053.7</b>	<b>4,074.7</b>	<b>4,193.8</b>



**Summary of Component Budget Changes  
From FY2004 Authorized to FY2005 Governor**

*All dollars shown in thousands*

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
<b>FY2004 Authorized</b>	<b>233.9</b>	<b>2,137.0</b>	<b>1,937.7</b>	<b>4,308.6</b>
<b>Adjustments which will continue current level of service:</b>				
-Changes to Retirement and Other Personal Services Rates	0.0	63.7	55.4	119.1
<b>FY2005 Governor</b>	<b>233.9</b>	<b>2,200.7</b>	<b>1,993.1</b>	<b>4,427.7</b>

### State Subsistence Personal Services Information

Authorized Positions			Personal Services Costs	
	<u>FY2004</u> <u>Authorized</u>	<u>FY2005</u> <u>Governor</u>		
Full-time	28	28	Annual Salaries	2,019,562
Part-time	10	9	Premium Pay	8,021
Nonpermanent	62	62	Annual Benefits	853,394
			<i>Less 3.02% Vacancy Factor</i>	<i>(87,077)</i>
			Lump Sum Premium Pay	0
<b>Totals</b>	<b>100</b>	<b>99</b>	<b>Total Personal Services</b>	<b>2,793,900</b>

### Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Administrative Assistant	1	0	0	0	1
Administrative Clerk III	1	1	1	1	4
Administrative Manager I	0	0	1	0	1
Analyst/Programmer III	2	0	0	0	2
Analyst/Programmer IV	1	0	0	0	1
Asst Dir Dept Fish & Game	1	0	0	0	1
Division Director	0	0	1	0	1
F&W Technician II	1	0	1	60	62
F&W Technician III	0	0	0	1	1
F&W Technician V	0	0	0	1	1
Prog Coordinator	1	0	0	0	1
Subsist Resource Spec I	0	1	2	0	3
Subsist Resource Spec II	4	0	2	3	9
Subsist Resource Spec III	2	3	1	1	7
Subsistence Program Manager	1	1	1	0	3
Wildlife Biologist III	0	0	0	1	1
<b>Totals</b>	<b>15</b>	<b>6</b>	<b>10</b>	<b>68</b>	<b>99</b>